



Wisconsin DOT Research Peer Exchange – Oct. 2013



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UDOT Research Division

Wisconsin and Utah Facts



- ∞ Is a Native American word or name
- ∞ Population 2,885,000
- ∞ 538,305 registered Republicans
- ∞ 1,000 miles of fishing streams and 147,000 acres of lakes and reservoirs.
- ∞ Birth state of Butch Cassidy.
- ∞ \$52.6 million revenue in annual snowmobile expenditures

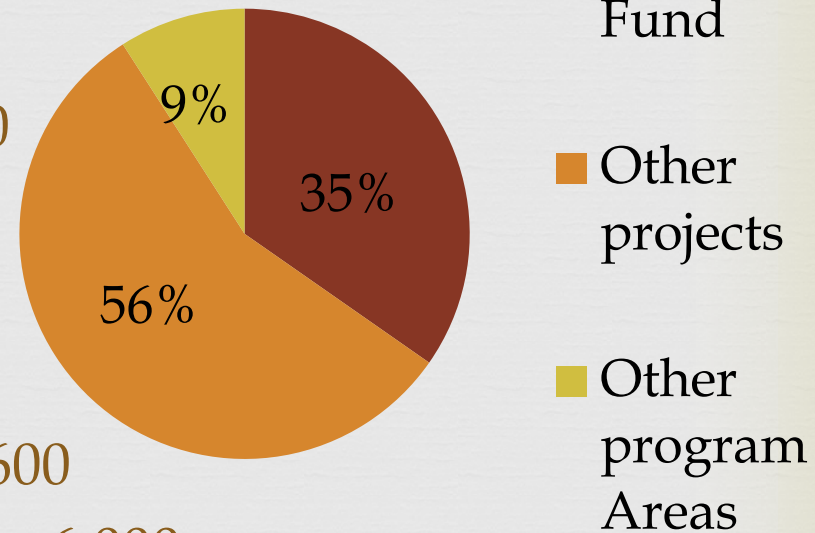
- ∞ Is a Native American word or name
- ∞ Population 5,726,000
- ∞ Birthplace of the Republican Party
- ∞ 7,446 streams and rivers. End-to-end they'd stretch 26,767 miles.
- ∞ Birth state of Frank Lloyd Wright.
- ∞ Snowmobile capital of the world

UDOT Research Program



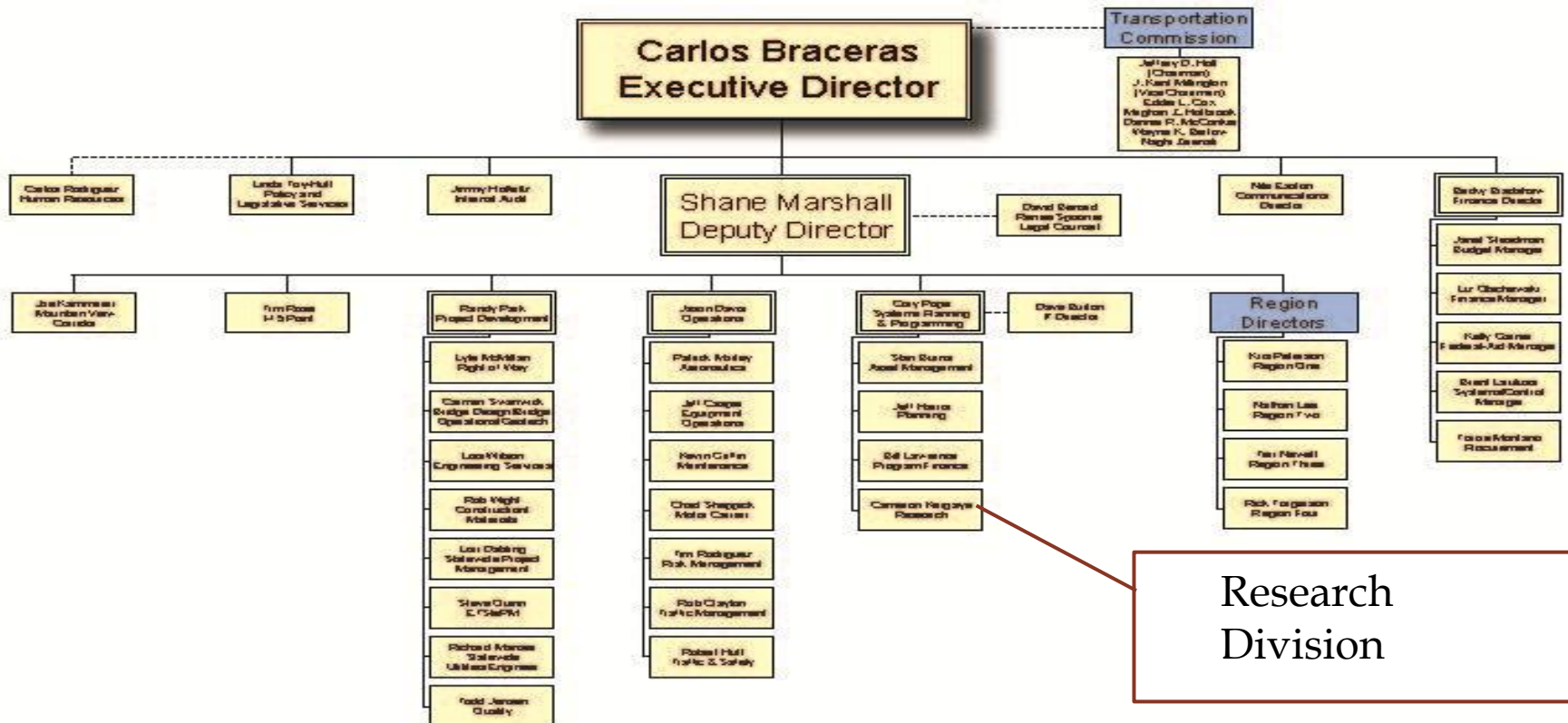
œ Dollar Amount =

- œ State Funds = \$734,000
- œ Federal Funds SPR - 2 = \$2,326,000
- œ Other Funds = Up to \$700,000
- œ **Total = 3,760,000**
- œ Number of Employees = 7
- œ Number of UDOT Employees = 1,600
- œ Number of Lane Miles Maintained = 6,000



Research Division Location

Utah Department of Transportation Office of the Executive Director



Level of Participation From Executives



❧ Research Workshop

- ❧ Utah Transportation Research Advisory Council (UTRAC)
- ❧ Champions of Research Projects
- ❧ Collaborative Determination of Research Needs
 - ❧ Discussion of Problems and Solutions
 - ❧ Scope Refinement
 - ❧ Prioritization



What Is The Research Workshop



- ❧ Initiated in 1993
- ❧ Brainstorming of ideas
- ❧ Creation of problem statements
- ❧ Prioritization voting
- ❧ Up to 12 subject areas
- ❧ 2013 Research Workshop Results
 - ❧ 100 Attendees (University, Consultants, UDOT Experts)
 - ❧ 59 Problem Statements Submitted
 - ❧ 7 Subject Areas
 - ❧ 28 Funded



Members of TRB



- ☞ Currently 26 people from UDOT are listed on the TRB website as being members of TRB standing committees or CRP project panels.
- ☞ 12 are Division Leaders or higher and 14 are staff



TRB Submitted Projects



- UDOT has submitted project and synthesis ideas to TRB CRP programs in the past five years
- Projects are listed on the following slide



TRB Submitted Projects



- ❧ FY 2014 NCHRP Projects
 - ❧ Project 08-94, Establishing Application and Policy Sensitivity in Travel Demand Models, \$500,000
 - ❧ Project 17-67, Identification of Factors Contributing to the Decline of Traffic Fatalities in the United States, \$300,000
 - ❧ Project 17-69, Development of Strategic Plan for Transforming Traffic Safety Culture, \$300,000
 - ❧ Project 25-47, Strategies to Reduce Agency Costs and Improve Benefits Related to Highway Access Management, \$600,000
- ❧ FY 2013 NCHRP Projects
 - ❧ Project 07-23, Access Management in the Vicinity of a Freeway Interchange, \$575,000
 - ❧ Project 17-64, Guidance for the Implementation of the Toward Zero Deaths National Highway Safety Strategy, \$500,000
 - ❧ Project 25-43, Case Studies for the Successful Completion of the NEPA Process for Multimodal Transportation Projects, \$250,000
- ❧ FY 2012 NCHRP Projects
 - ❧ Project 15-46, A Guidebook for Design Contract Administration for Transportation Projects Delivered Using Integrated Project Delivery, \$400,000
- ❧ FY 2011 NCHRP Projects
 - ❧ Project 15-43, Update of the TRB Access Management Manual, \$350,000
- ❧ FY 2010 NCHRP Syntheses (Project 20-05)
 - ❧ Topic 42-05, Assessing the Long-Term Performance of Mechanically Stabilized Earth Walls, \$35,000